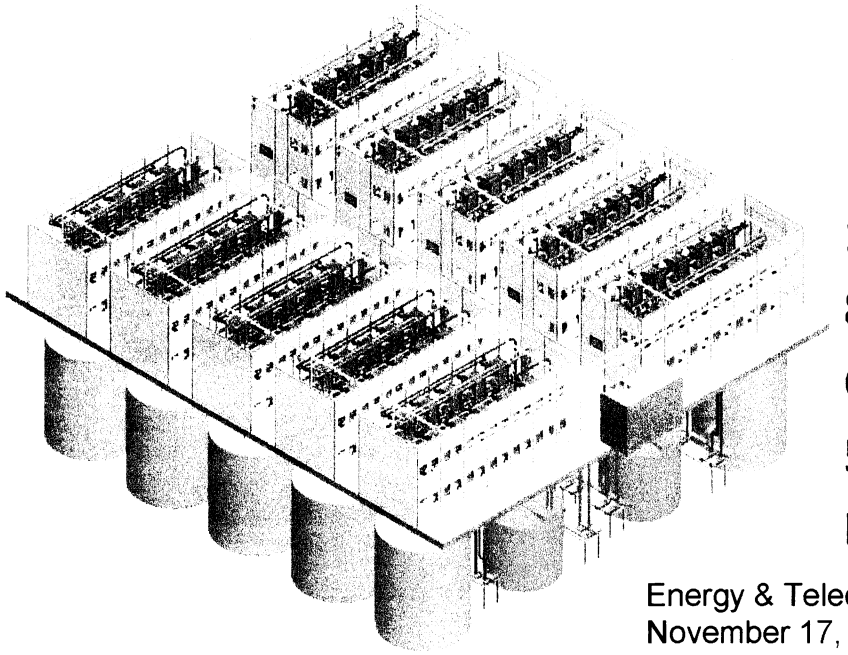
Zinc Air Inc.

Energy Storage Systems

The Leader in Global Grid Scale Energy Storage Systems

- 5 kW for 8 Hours
- 40 kWh, 20 Years
- Self Contained
- 24 Square Feet
- Launch 2011



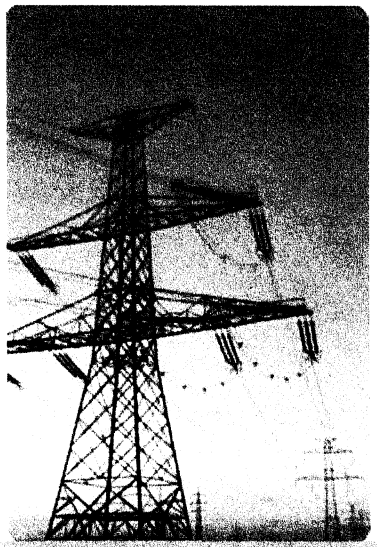
- 1 MW for 8 Hours
- 8 MWh, 20 Years
- Complete System
- 5,000 Square Feet
- Launch 2012

Energy & Telecommunications Committee
November 17, 2011

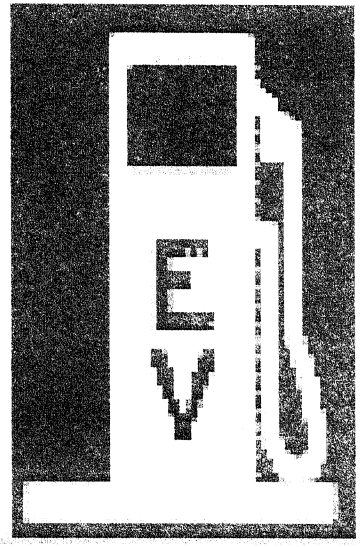
Exhibit 10

The Energy Problem in the U.S.A.

Annual Losses
Foreign Dependence



Transmission Limitations
Aging Infrastructures

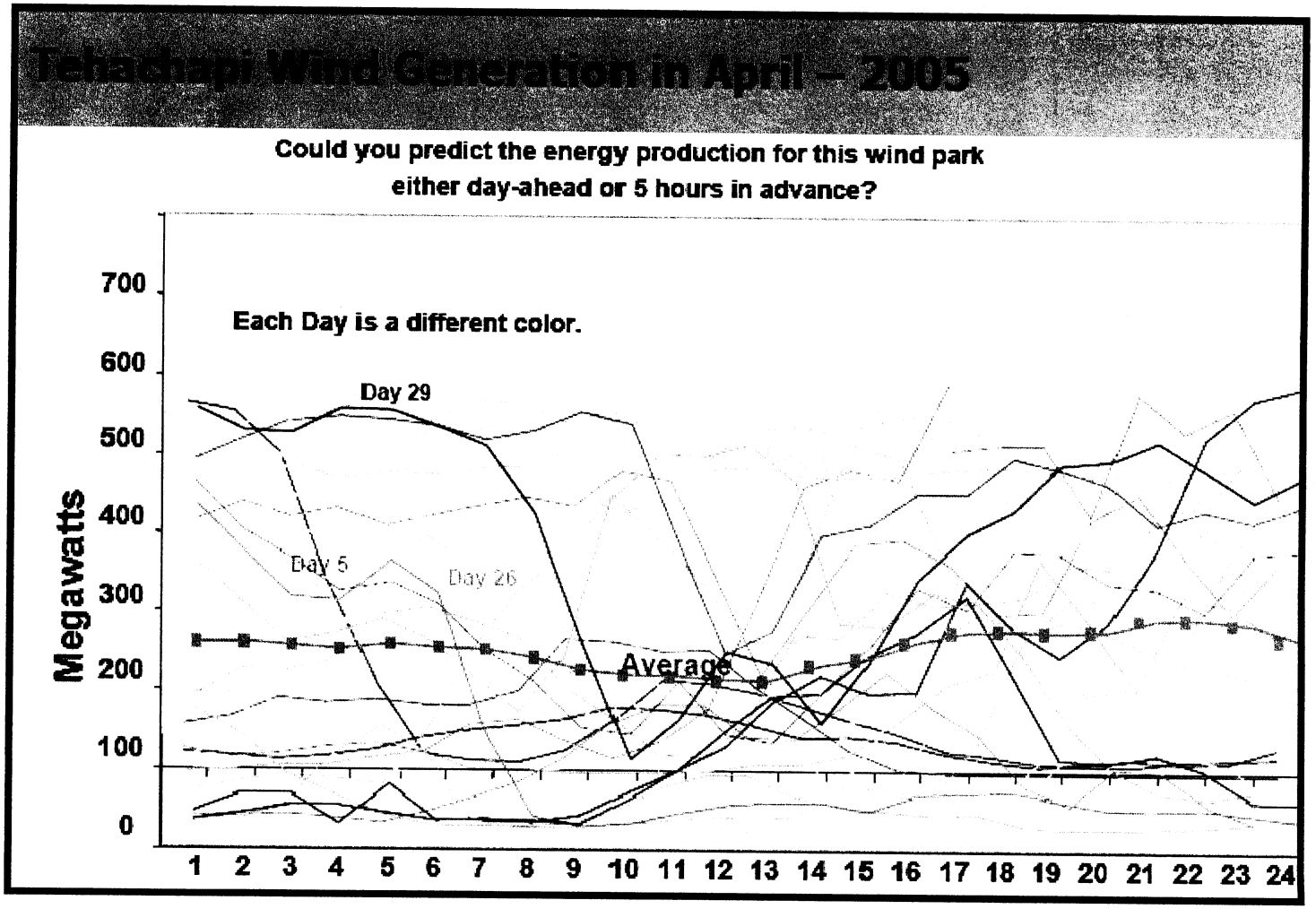


Increasing Demands
Distributed Needs

To Fix the U.S.A. Energy Problem: $7 Trillion*

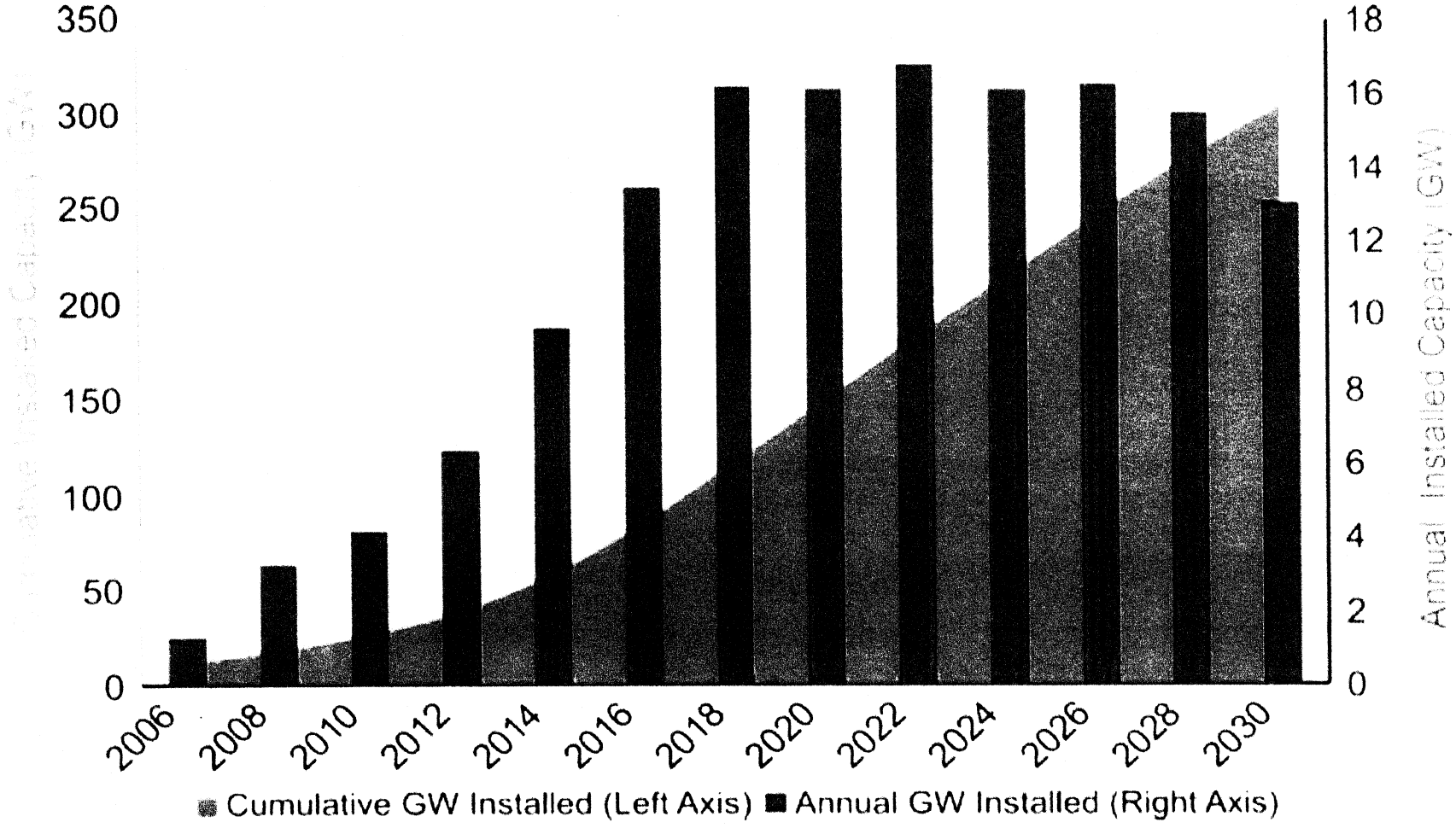
(*Jefferies Report on Energy 2011)

The Problem:
Variability of Wind Generation



The Problem is Growing As Wind Energy Grows

Figure 1-4. Annual and cumulative wind installations by 2030



DOE, NREL and AWEA – July 2008 Report 20% by 2030

Market Opportunity: Wind Power Load Shifting

Grid storage can address problems and add value to 4 key areas:

- Improving intermittency of renewables
- Enhancing grid reliability
- Optimizing utilization of transmission assets
- Increasing the value of renewable energy generation assets

Total Available Market (TAM) Estimated at $200B

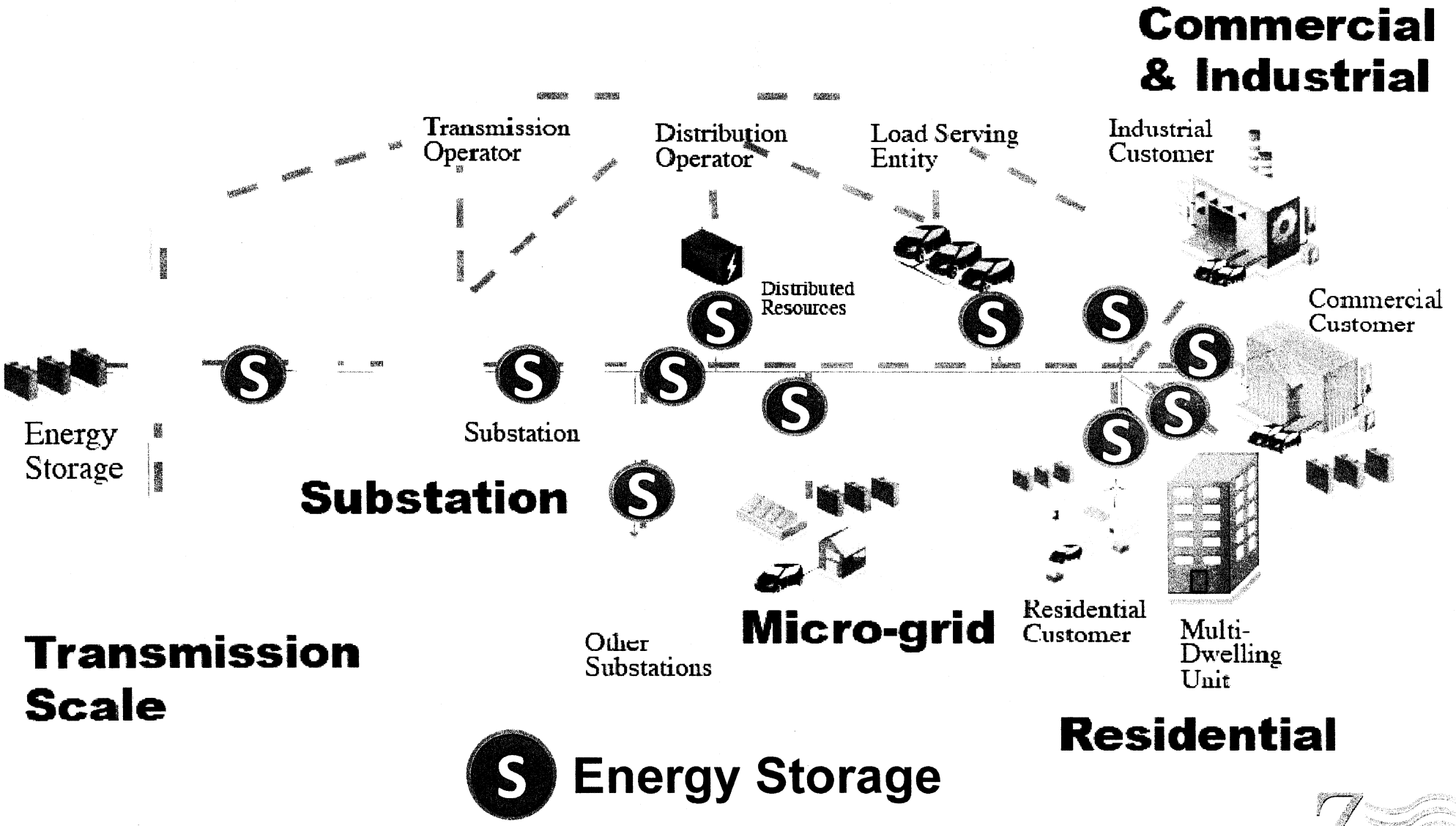
(U.S. Only - DOE Estimate*)

"Hours-to-days of power for daily energy peak shifting. For this application, power capacity on the order of 200 GW and 1,000 GW-hr would be necessary for up to 20% integration of renewables."

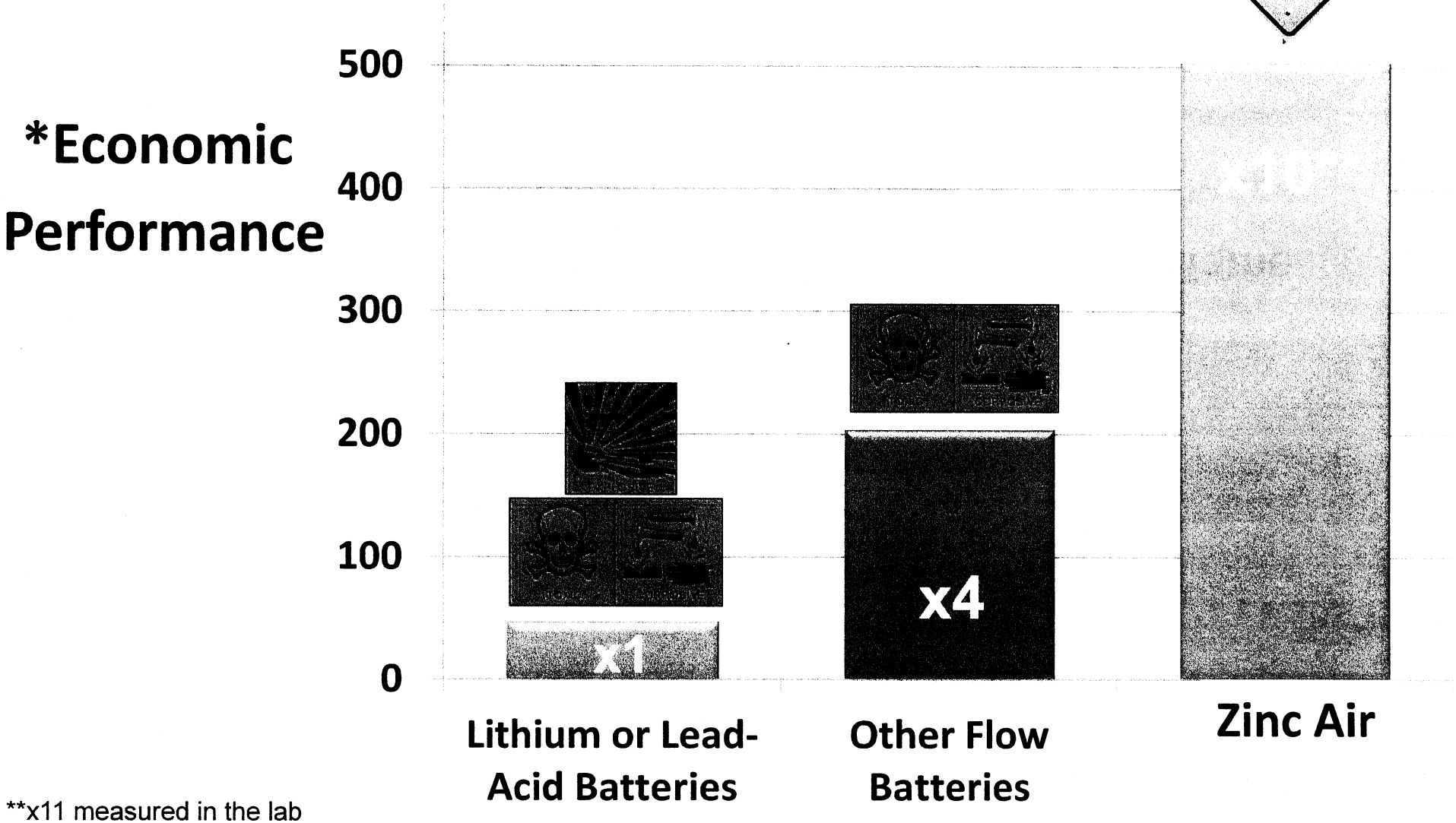
Statement from ARPA-GRIDS Grant

Energy Storage Opportunities – Market Segments

Smart Grid



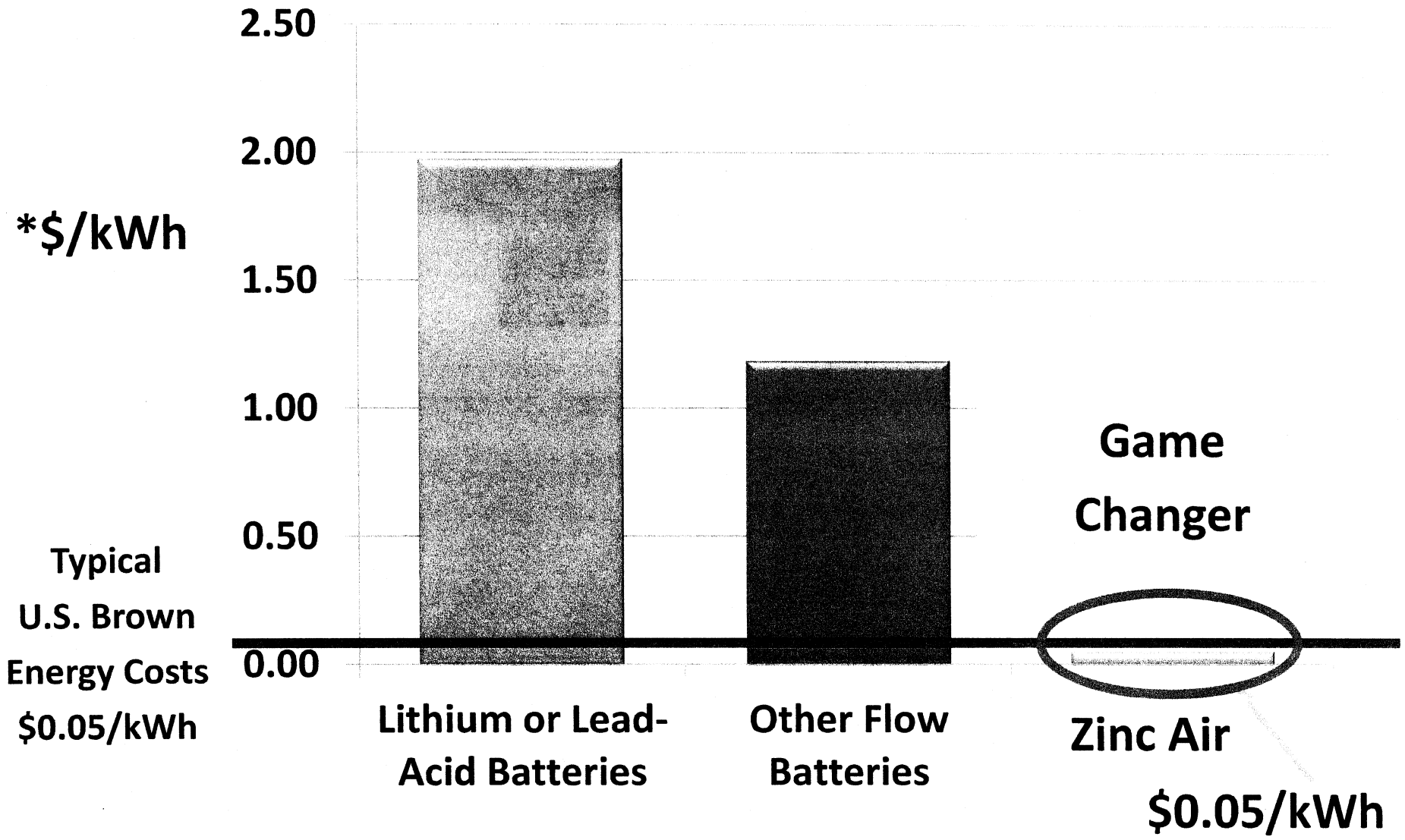
Why Flow Batteries?
Performance Comparison



**x11 measured in the lab

*Discharge Time x Depth of Discharge x Total Efficiency

Net Cost of Usage



*Deferred cost by net revenues of $0.25/kWh

Zinc Redox Unique Advantages

Low Cost: Simplicity in Design & Operation

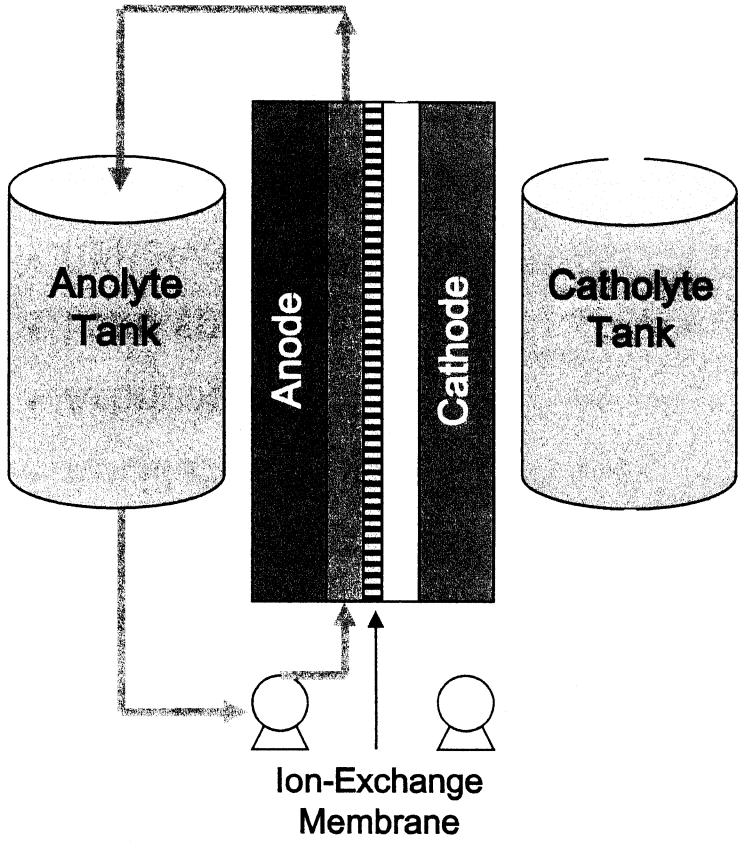
- Material selection for performance & cost
- System design is modular & scalable
- Technology maturity: +8 years

Best-in-Class Performance

- Electrochemical efficiency at +74%
- Designed for durability
- Millisecond response time

Environmentally Friendly: Safe & Green

- Safe/non-hazardous/non-toxic chemistry
- Not pressurized
- Ambient temperature



Basic Features and Applications

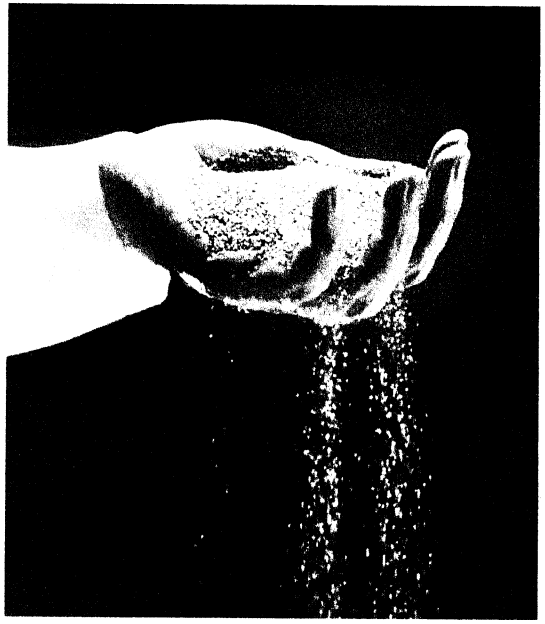
Features

- Environmentally safe system
- Long full power discharge times up to 8 hours
- Scalable from 5kW to 100 MW
- Long life and refurbishment > 20 years
- Deep discharge cycles > 95%
- Standard control interfaces to grid
- Battery control system for multiple applications
- Standard field proven components
- Multiple revenue based applications
- Short payback periods
- Round trip efficiency > 70%
- Standard ISO manufacturing
- Standard ambient temperature operating conditions
- Non-pressurized

Applications

- Islanding
- Peak shaving
- Frequency regulation
- Ancillary services
- Arbitrage
- Load shifting
- Renewables firming
- Backup power systems
- Deferment of Transmission
- Integrated systems
- VAR support
- Black start

Thank You for Your Consideration



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